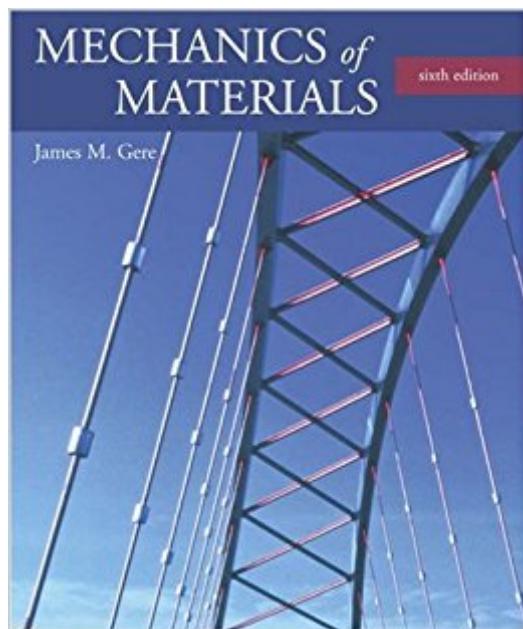


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Mechanics Of Materials (with CD-ROM And InfoTrac)



Synopsis

Now featuring the problem-solving CD-ROM, StressAlyzer, the Sixth Edition of this book continues its tradition as the leading text in Mechanics of Materials. With its hallmark clarity and accuracy, this text develops student understanding along with analytical and problem-solving skills. The main topics are the analysis and design of structural members subjected to tension, compression, torsion, bending, and more. The book includes more material than can be taught in a single course so instructors have the opportunity to select the topics they wish to cover.

Book Information

Hardcover: 940 pages

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Customer Reviews

James M. Gere is Professor Emeritus of Civil Engineering at Stanford University.

The coverage of the material is excellent. The discussions of the various techniques are rational and insightful. The author is a seasoned engineer/academician who really understands mechanics, and knows how to convey its flavor to the reader. Timoshenko's classic "Strength of Materials" covers most topics that are relevant to an engineer; however it comes with a "bag of tricks" and is difficult to follow. Gere's book takes a step back by eliminating certain advanced topics, and methodically explains the principles and techniques of mechanics.

I used this book to take a mechanics of materials course online. The book is well written and easy to understand, a very important attribute since I didn't have a TA or professor to ask questions. There

are many well explained examples. The book was also a valuable reference as I continued my engineering studies. It is a book that I will certainly keep for the future.

I used this book in a class I had a while back. Also used it as a reference during my PE exam. Would purchase it again.

I'm very happy with this book. It was in good codification and came with the CD.

As promised

As specified

A good book for going to sleep by ~ Wow, how boring :(

I was surprised at how clear and thorough this book was. I read almost the entire book (left out just a number of sections), and if you're like me and need to know the proofs for the engineering models, then this is great. It explained derivations, equation limitations, and problem-solving methods in a very satisfying way - I can honestly say that, because of this book, I have a better appreciation for how engineering methods are developed. Assuming you've studied differential equations and statics, then this book will be just right for you. All the problems have solutions in the back, which was very helpful. However, occasionally I ran into problems that I needed detailed solutions to, so you might need to see your professor about those. Also, I have a strong feeling that maybe 3-4 problems out of the ~100 that I did had wrong or oversimplified solutions- but I could be wrong, or I used different approximation methods. So not counting that tiny minority of aggravating problems, this book is both pleasantly informative and challenging, and it made me continue to like engineering, unlike some other books/classes I've used/taken.

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